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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 06192.0247.NPUS00

First Named Inventor or Application Identifier Jin-Oh KWAG

Title Liquid Crystal Display Device And Drive Method Thereof

Express Mail Label No.

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

Assistant Commissioner for Patents

Box Patent Application

Washington, DC 20231

1.  \*Fee Transmittal Form (Form PTO-1082)  
(Submit an original and a duplicate for fee processing)

[Total Pages 19]

 Microfiche Computer Program (Appendix)

2.  Specification [Total Pages 19]  
(preferred arrangement set forth below)
- Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R&D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description

 Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

- Computer Readable Copy
- Paper Copy (identical to computer copy)
- Statement verifying identity of above copies

3.  Drawing(s) (35 USC 113) [Total Sheets 6]
4.  Oath or Declaration [Total Pages 3]

**ACCOMPANYING APPLICATION PARTS**

- Assignment Papers (cover sheet & document(s))
- 37 CFR 3.73(b) Statement  Power of Attorney (when there is an assignee)
- English Translation Document (if applicable)
- Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
- Preliminary Amendment
- Return Receipt Postcard (MPEP 503) (Two) (should be specifically itemized)
- \*Small Entity Statement(s)  Statement filed in prior application, Status still proper and desired
- Certified Copy of Priority Document(s) (if foreign priority is claimed)
- Other:

\*NOTE FOR ITEMS 1 &amp; 14 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 CFR § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 CFR § 1.28)

## 17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

 Continuation     Divisional     Continuation-in-part (CIP)

of prior application No: /

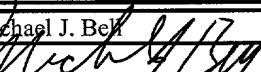
Prior Application Information: Examiner:

Group/Art Unit:

**18. CORRESPONDENCE ADDRESS**

Customer Number or Bar Code Label 22930  
(Insert Customer No. or Attach bar code label here)

 Correspondence address below

NAME	Michael J. Bell HOWREY SIMON ARNOLD & WHITE, LLP			
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COUNTRY	US	TELEPHONE	202-783-0800	FAX
Name (Print/Type)	Michael J. Bell		Registration No. (Attorney/Agent)	39,604
Signature			Date	July 26, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.





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July 26, 2001

J100 S U.S. PTO  
07/26/01

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09/26/01  
07/26/01

**Box New Applications**

Assistant Commissioner for Patents  
Washington, DC 20231

Re: New Utility Non-Provisional U.S. Patent Application  
Application No. TO BE ACCORDED Filed HEREWITH  
Title: LIQUID CRYSTAL DISPLAY AND DRIVE METHOD THEREOF  
Inventors: Jin-Oh KWAG  
Our Ref: 06192.0247.NPUS00

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Form PTO SB/05;
2. Form PTO 1082;
3. U.S. Utility Patent Application entitled:

**LIQUID CRYSTAL DISPLAY AND DRIVE METHOD  
THEREOF**

and naming as inventors: **Jin-Oh KWAG**

the application consisting of:

a. A specification containing:

- (i) 15 pages of description prior to the claims;
- (ii) 3 pages of claims (14 claims);
- (iii) a one (1) page abstract;

b. 6 sheets of drawings: (**Figures 1, 2, 3, 4, 5, 6, 7A and 7B**);

4. Facsimile copy of originally executed Combined Declaration-Power Attorney;
5. Facsimile copy of originally executed Assignment and PTO 1595 Assignment Recordation Sheet

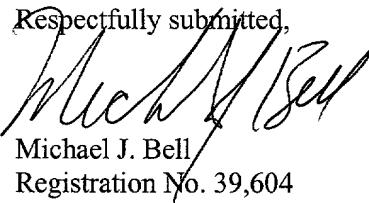
Box New Applications  
Attorney Docket No. 06192.0247.NPUS00  
July 26, 2001  
Page 2

5. Claim for Priority and certified copy of Korean Patent No. 2000-43510 filed July 27, 2000;
6. Check No. 356395 in the amount of \$710.00 and Check No. 356394 in the amount of \$40.00 to cover the following Fees  

\$710.00	Basic Application Filing
\$ 40.00	Assignment Recordation
7. Two (2) return postcards

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 08-3038 referencing docket number 06192.0247.NPUS00.  
*A copy of this letter is enclosed.*

Respectfully submitted,  
  
Michael J. Bell  
Registration No. 39,604

Enclosures

**HOWREY SIMON ARNOLD & WHITE, LLP**  
**Box No. 34**  
**1299 Pennsylvania Avenue, NW**  
**Washington, DC 20004-2402**  
**(202) 783-0800**

Attorney Docket No. **06192.0247.NPUS00**

ASSISTANT COMMISSIONER FOR PATENTS  
 Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventor: **Jin-Oh KWAG**For: **LIQUID CRYSTAL DISPLAY AND DRIVE METHOD THEREOF**

Enclosed is a new application comprising:

- A specification containing: **15** pages of description prior to the claims; **4** pages of claims (**14** claims); a **one** (1) page abstract; **5** sheets of drawings (**Figures 1, 2, 3, 4, 5, 6, 7A and 7B**)
- PTO SB/05

The filing fee has been calculated as shown below:

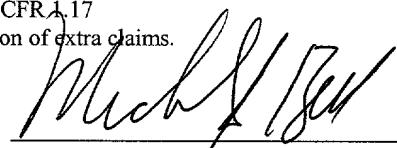
(Col. 1)	(Col. 2)
FOR	NO. FILED
BASIC FEE	
TOTAL CLAIMS	14-20 = * 0
INDEP. CLAIMS	2-3 = * 0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED	

\*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

SMALL ENTITY		OTHER THAN A SMALL ENTITY	
OR	RATE	OR	RATE
OR	\$ 345.00	OR	\$ 710.00
OR	x 9 =	OR	0
OR	x 39 =	OR	0
OR	+ 130 =	OR	270 =
TOTAL		TOTAL	
		<b>\$710.00</b>	

- A check in the amount of **\$710.00** to cover the filing fee is enclosed.
- The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. **08-3038** referencing docket number **06192.0247.NPUS00**. *A copy of this sheet is enclosed.*

- Any patent application processing fees under 37 CFR 1.17  
 Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Date July 26, 2001
  
 Michael J. Bell  
 Registration No. 39,604